

**udowici roofing tiles**

---

**LUDOWICI-CELADON COMPANY**



RECEIVED

AUG 25 1958

NEW ORLEANS, LA.



This beautiful pattern, which simulates the early American wooden "shake," makes a roof of character for many contemporary architectural styles.

EARLY AMERICAN



TILE STONES

The simple good taste of these Ludowici Tile Stones creates a charming roof as shown on the beautiful home on these two pages.



WILLIAMSBURG INTERLOCKING

Here is a traditional tile, which, like all things of true elegance, is never "dated", but always in the mode.

Combining the natural beauty of earth colors and the imperishable quality of burned clay, the roof tile very early became an indispensable article, and followed civilization from its Mediterranean cradle into the western world. In America, the characteristic half-round tile introduced by the Spanish Conquistadores has been made and used for several centuries in the Old Southwest, while in the Eastern and Southern parts of the country roofing tiles were used from the beginning by settlers from Holland, England, and France. In recent decades thousands of typical American buildings have also been covered with this permanent roofing in various patterns.

No other roofing material possesses the inherent beauty and permanence of clay tile. Like the earth itself, a tile roof displays an infinite variation of subtle tones which change in the light and shadow, blending with the environment of the building. Like the earth itself, a tile roof is permanent; it does not decay, it does not wear, it does not burn.



The Ludowici-Celadon company is the nation's oldest and largest producer of clay roofing tile. In over sixty years of activity, our company has manufactured the hard-burned shale tile which has provided lifetime roofing for literally thousands of structures. The prestige of our product has been earned by the successful use of Ludowici Tile on buildings of all sizes, types, and costs, from the small ranch home to the traditional architecture of the Colonial Williamsburg restoration in Virginia and the "up-to-the-minute modern" design of the magnificent United Nations Headquarters in New York City.

**TILE ROOFING GIVES YOU ALL THESE ADVANTAGES:**

- Fireproof and weatherproof material
- Lifetime roof protection
- Minimal maintenance
- Architecturally authentic patterns
- Permanent varied colors
- Permanent surface textures



Ludowici roofing tiles are made in a number of traditional shapes. All of them are illustrated in this booklet.

The tile most generally used for residences is flat, like a typical shingle. Ludowici manufactures two kinds of flat tile — the "shingle" of various colors and textures shown on page 4, and the "interlocking" tile which is illustrated and described on page 2.

Roof tiles are made from shale, a particular kind of carbon-bearing clay. The process of converting the clay to finished tiles involves a special skill on the part of the clay workers, as well as much scientific knowledge on the part of ceramic engineers. Time is an important factor in this process—it requires about three to four weeks to transform raw clay into finished tiles.

The home owner benefits from this carefully controlled manufacture. These beautiful and everlasting clay slabs provide him with the perfect roof—with complete protection against all the elements, for the life of the house.



LIGHTWEIGHT  
INTERLOCKING

With interesting texture, and colors in ranges of black, brown, buff, green, and natural red, this Ludowici lightweight pattern is a tile of impeccable taste.

## LUDOWICI TILE ROOFS

In these fast-moving times the lasting product is the unusual one and in the end the least expensive . . . a tile roof is actually economical. A tile roof is fireproof—therefore insurance rates on the entire building are lower. A tile roof is weatherproof—therefore damages from wind and water are at a minimum. A tile roof is permanent—therefore there is no replacement and the beauty of color and surface always remains unchanged.

Contrary to widespread misunderstanding, a roof of tile on the average house requires no greater strength in the structural members than that which is normally built into any good home. In fact, the use of trusses for roof construction (which cost less than standard rafter design in many cases) provides more than enough strength to support the additional weight of a tile roof. (See page 5).

We invite you to consider the many advantages of tile, to compare carefully this permanent roofing with any other roofing.

Every investment should be protected. Your investment in your home faces a number of hazards, many of which can be eliminated or minimized by a Ludowici tile roof. Ludowici tile roofs offer three-fold protection to *your* home investment; they offer protection from fire, protection from weather, and protection from costly maintenance.



## LUDOWICI SHINGLE TILE

Ludowici tile shingles have the authenticity of traditional patterns which have covered roofs for centuries. Below are three popular designs for the modern home. These tile shingles average 14 to 18 lbs. per square foot, with exposures from 7 to 8 inches wide and 5 to 6½ inches in length. Samples of any Ludowici tile pattern will be furnished on request.

1



- 1 This is an interesting tile. Called the "Norman" pattern, it has a casual, sturdy appearance appropriate to a wide range of architectural styles, including many contemporary functional types of design.
- 2 With remarkable resemblance to the old wood split shingle, this Ludowici "Colonial" pattern lends authority and distinction to any of the variations of typical Colonial architecture.
- 3 For roofs in the conservative manner, "Georgian" tiles provide excellent characteristics of color, texture and shadow lines.

2



3



As this illustration shows, properly applied tile provides neat, efficient coverage for any roof surface. Ludowici prepared details cover all contingencies to be met in architectural design.





# LUDOWICI INTERLOCKING TILE



## Tile roofs for the modern small home

Every year there are many thousand small homes built in every section of the country. Typical are houses from 1000 to 1500 square feet in floor area. A building of this size, generally planned as a one floor structure with two bedrooms, provides ample room for the small family, and, most important, these homes are within the means of average people. If the house is carefully planned by a good architect, it represents a sound investment, as well as a living space ideally suited to the individual family's needs.



Building  
Felt covers entire roof surface

Method of laying Interlocking Tiles

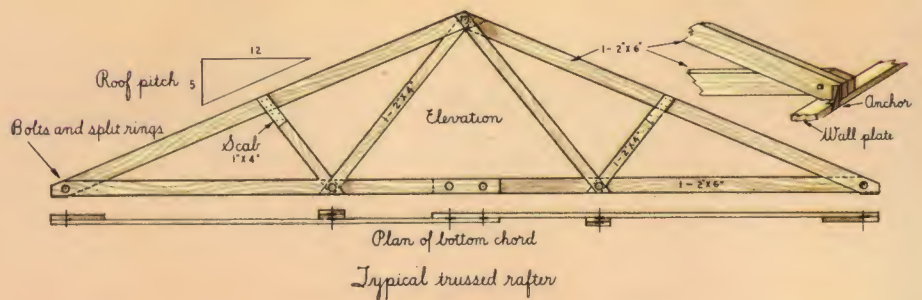
Ludowici Interlocking Tiles are fastened with good nailing to typical sheathing or roof boards over a felt base. Their exclusive design makes an integrated roof, with the proper coverage and exposure.

To simplify and strengthen construction in these contemporary homes, many architects and builders employ a series of pre-fabricated trusses for roof support instead of conventional rafters. These trusses are stronger than rafters, although they require less wood to build, hence less labor cost. On this type of roof structure, Ludowici Interlocking Tile can be used with perfect safety, thus providing the small home with the finest type of roof, heretofore considered suitable only for larger and more expensive houses.

As each trussed roof must be designed individually, there is no standard formula, but engineering data which has wide application is reproduced below.

If you are one of the many people who propose to build a small home, we urge you to consider the advantages of a Ludowici Tile Roof which, at a nominal cost, will give you all the benefits of a permanent, fireproof, and beautiful roof with the first cost being the only investment.

The truss shown at right is of standard design with a 28 foot span spaced 24" O.C. Computation of loads continuous on top member including combined bending and compression stress shows a maximum safe load on each truss of 1200 P.S.I. when constructed with 2"x6" chord and top member. For Ludowici interlocking tile the safe load would be 1037 P.S.I. In comparison with standard rafter construction for a roof of the same height and width, the rafters should be 2"x8" because the total stress equals 1645 P.S.I. with 2"x6" members and 884 P.S.I. with 2"x8" construction. Technical analysis of any specific roof structure is available through your architect, builder or truss manufacturer.



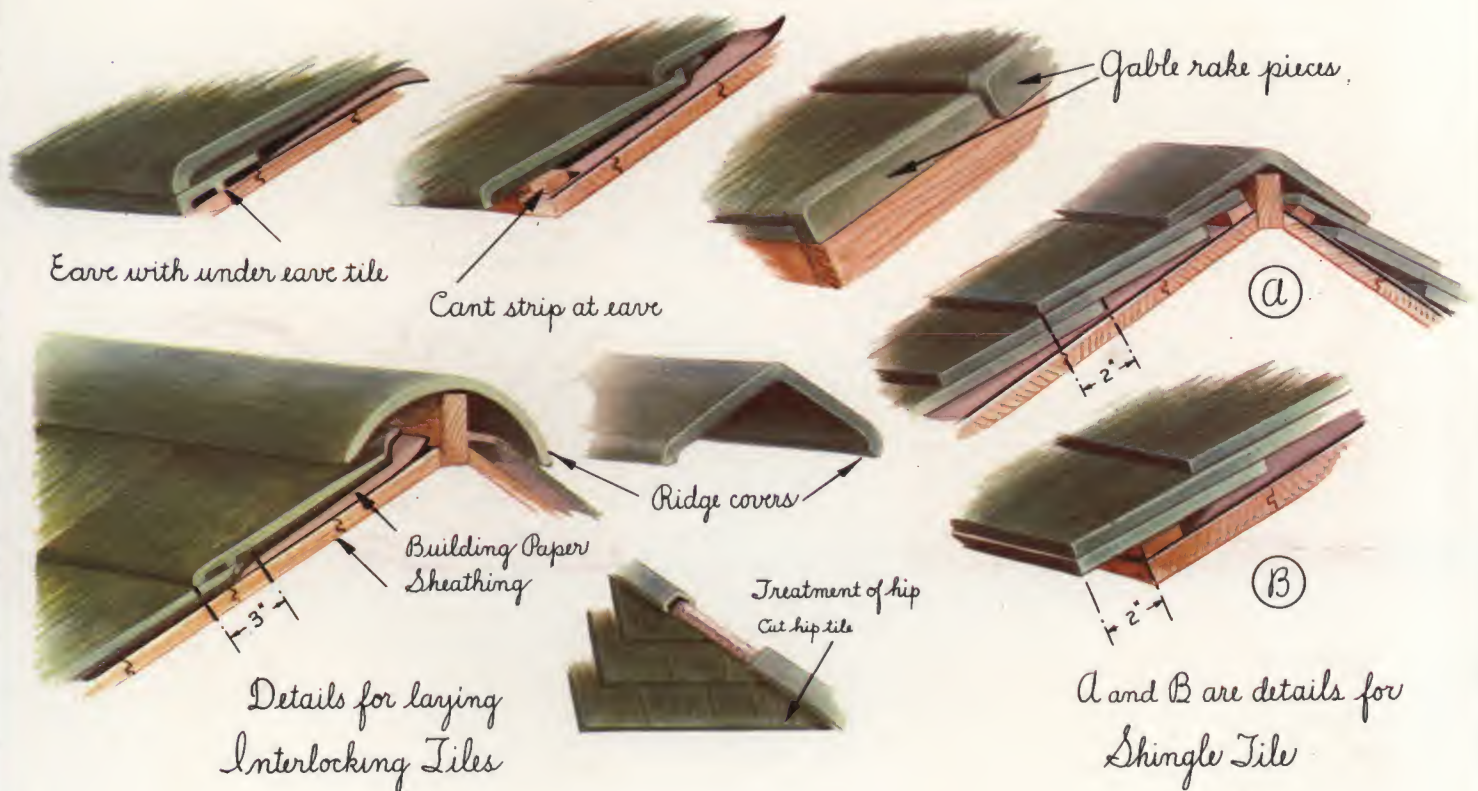


## HOW YOU CAN HAVE A TILE ROOF

Your architect is familiar with tile roofs. With the aid of our special services, including planning and installation details as well as the furnishing of tile samples for the selection of texture and color, he is well equipped to provide for the finest roof you can buy. If you do not have an architect, tell us the name of your builder so that we may cooperate with him. If you prefer, send your plans for an es-

timate to our office nearest you. The addresses are on the back cover. Ludowici tile can be laid by any good roofer. In many places there are roofing people who are specialists in laying tile roofs.

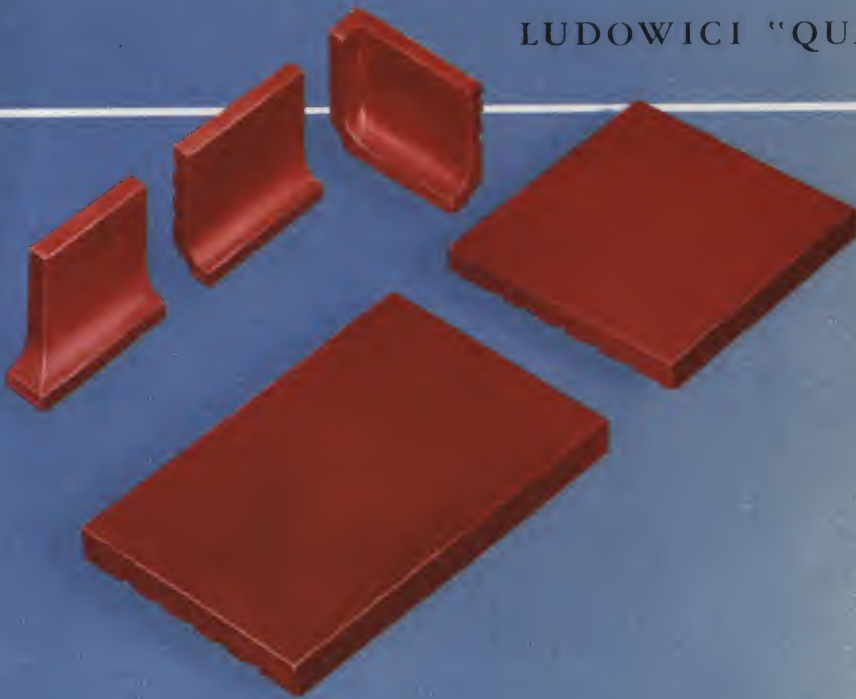
Your home should have the beauty, permanence and economy of a tile roof. We of Ludowici will be glad to help you to obtain it. Please write us without obligation.



These sketches illustrate how Ludowici Tiles are laid on a roof. There are other details and instructions covering every kind of application. All dimensions shown in this Brochure are average.

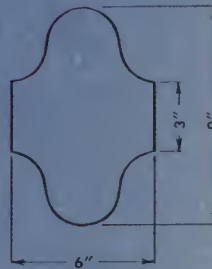


# LUDOWICI "QUARRY TILE" OF SHALE SLABS

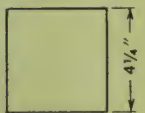
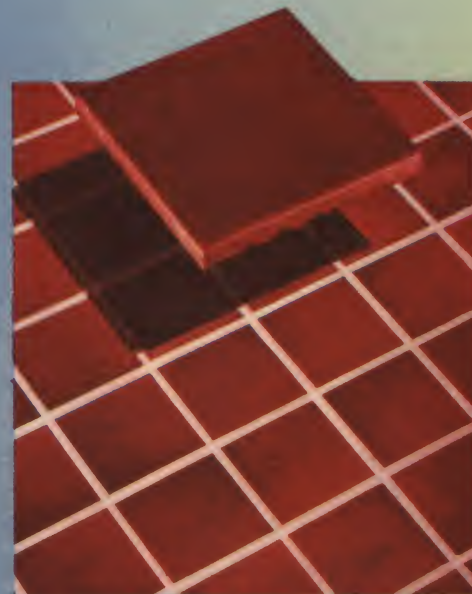


For centuries floors, terraces, loggias, and patios have been given the distinctive beauty and everlasting quality of Shale Slabs. These hard burned vitreous tiles of square, rectangular and curved shapes can be laid in many patterns to create colorful and distinctive floors. They have low absorption and high resistance to abrasion.

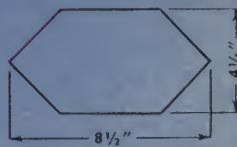
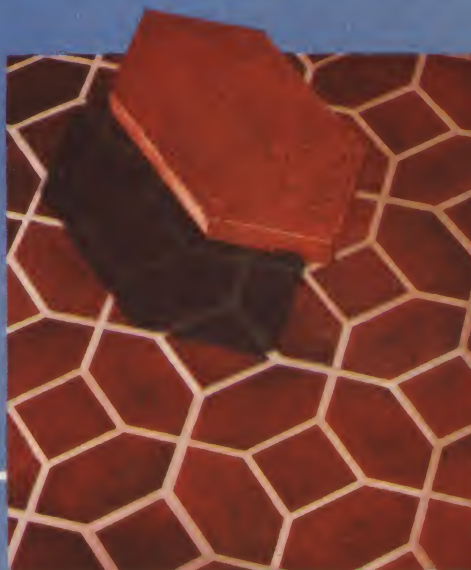
At the left is shown tile which can be had from  $2\frac{3}{4}" \times 2\frac{3}{4}" \times \frac{3}{4}"$  to  $6" \times 9" \times \frac{3}{4}"$  with thickness up to  $1\frac{3}{8}"$ . A complete line of trim shapes are available for baseboard and other applications including interior window stools and exterior sills.



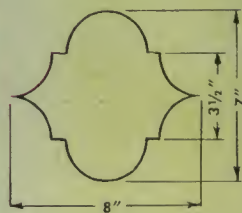
This is the Ludowici "Provence" design, an attractive shape with elegant texture and color.



Quarry Tile shale slabs laid in typical manner make a distinctive floor for any purpose.



"Renaissance" squares and hexagons make a delightful formal floor pattern.



The "Valencia" floor tile provides a richly ornamental pattern.



## LUDOWICI MISCELLANEOUS TILE PATTERNS

These tiles have architectural significance and are generally used on large buildings which are classical or traditional in design.



This is a French pattern roofing tile, decorative and adaptable to wide roof areas.



This Ludowici Spanish design is often used on ecclesiastical architecture.



The one-piece Mission pattern enhances the beauty of public buildings.



The Greek pattern is ideal for architecture of classical design.



Ludowici Cubana Tapered Mission pattern has wide acceptance, for both residential and larger buildings.



This tile is called Straight Barrel Mission and follows the Spanish tradition.

**LUDOWICI-CELADON CO.**  
75 East Wacker Drive Chicago 1, Illinois

•  
New York 17, N. Y.  
565 Fifth Ave.

•  
Washington 5, D. C.  
740 - 15th St. N. W.

•  
Dallas 9, Texas  
4801 Lemmon Ave.

•  
Cleveland 20, Ohio  
12734 Woodland Ave.  
•



## LUDOWICI MISCELLANEOUS TILE PATTERNS

These tiles have architectural significance and are generally used on large buildings which are classical or traditional in design.



This is a French pattern roofing tile, decorative and adaptable to wide roof areas.

Digitized by:



ASSOCIATION FOR PRESERVATION TECHNOLOGY  
[www.apti.org](http://www.apti.org)

For the

BUILDING TECHNOLOGY HERITAGE LIBRARY

<https://archive.org/details/buildingtechnologyheritagelibrary>

From the collection of:



SOUTHEASTERN ARCHITECTURAL ARCHIVE  
SPECIAL COLLECTIONS  
HOWARD-TILTON MEMORIAL LIBRARY

<http://seaa.tulane.edu>



This tile is called  
Straight Barrel Mis-  
sion and follows the  
Spanish tradition.